

US EPA ARCHIVE DOCUMENT

<b>UNIT LOG</b>	1. Incident Name Kalamazoo River/Enbridge Oil Spill	2. Date Prepared 01/15/2013	3. Time Prepared 1600
4. Unit Name/Designators Situation Unit	5. Unit Leader (Name and Position) Mindy Luetke, Planning Section Chief	6. Operational Period 0645, 01/15/13 – 1600, 01/15/13	
7. Personnel Roster Assigned			
Name		ICS Position	Home Base
Karen Berecz		Situation Unit 1	Dallas, TX
8. Activity Log			
Time	Major Events		

	<b>Situation Unit Observations:</b>
0645	<ul style="list-style-type: none"> <li>• Arrive at ICP.</li> </ul>
0700	<ul style="list-style-type: none"> <li>• Arrive at C3.2 Building. Attend field safety meeting.</li> </ul>
0800	<ul style="list-style-type: none"> <li>• Arrive at E4.5 Boat Launch. Observe minor bank ice forming near launch and in western portion of Lake (from approximately MP38.50 to Dam).</li> </ul>
0815	<ul style="list-style-type: none"> <li>• Arrive at E4 Boat Launch. No bathymetry teams working today due to bank ice.</li> <li>• E4 Water Temp: 34.61<sup>0</sup>F; Sediment Temp: 36.49<sup>0</sup>F</li> <li>• Observe ice flowing from Delta into Morrow Lake. Ice patches had begun to arbitrarily form on Morrow Lake main channel, south cove and north cove.</li> <li>• Bank ice has begun to form adjacent to boat launch.</li> </ul>
0900	<ul style="list-style-type: none"> <li>• Arrive at E0.5 boat launch.</li> <li>• E0.5 Water Temp: 33.12<sup>0</sup>F; Sediment Temp: 38.08<sup>0</sup>F; Water Gauge: 1.90</li> <li>• E0.5 no sheen and minor bank ice observed near water gauge. River level at location remains the same as witnessed yesterday.</li> </ul>
0935	<ul style="list-style-type: none"> <li>• Arrive at E2 Boat Launch.</li> <li>• E2 Water Temp: 33.87<sup>0</sup>F; Sediment Temp: 36.92<sup>0</sup>F; Water Gauge: 1.90</li> <li>• E2 Boat Launch, no sheen or bank ice observed. River level at location has decreased ever so slightly.</li> <li>• Conditions at E2 Boat Launch: At time of observation launch was covered only in snow.</li> </ul>
0950	<ul style="list-style-type: none"> <li>• Arrive at MP21.50 RDB. No sheen or bank ice observed along river channel or oxbow. A large amount of turbidity observed flowing from upstream of location. Warning buoys across entry way into oxbow have broken loose on the upstream end and require rope to be staked.</li> </ul>
1005	<ul style="list-style-type: none"> <li>• Arrive at MP19.00 LDB. Observed Kalamazoo RI crew on overbank collecting soil cores.</li> </ul>
1035	<ul style="list-style-type: none"> <li>• Arrive at D2 Boat Launch. No sheen and very minor bank ice observed just downstream from launch along RDB.</li> </ul>
1045	<ul style="list-style-type: none"> <li>• Arrive at MP15.25 South Mill Pond, ice in back water has begun to redevelop, main channel remains open through pond. No sheen observed in South Mill Pond or along adjacent river channel. No ice observed flowing along river channel.</li> <li>• MP15.50 North Mill Pond, ice in back water remains. No sheen observed in North Mill Pond or along adjacent river channel. No ice observed flowing along river channel.</li> <li>• MP15.65, no ice observed around culverts.</li> </ul>
1110	<ul style="list-style-type: none"> <li>• Arrive at Raymond Road, MP12.00. No sheen, flowing ice or bank ice observed along river channel.</li> </ul>
1145	<ul style="list-style-type: none"> <li>• Arrive at River Road, MP11.25. No sheen, flowing ice or bank ice observed along river channel.</li> </ul>
1235	<ul style="list-style-type: none"> <li>• Arrive at C3.2 Boat Launch.</li> <li>• C3.2 Water Temp: 33.33<sup>0</sup>F; Sediment Temp: 37.05<sup>0</sup>F; Water Gauge: 2.10</li> <li>• C3.2 boat launch, no sheen or flowing ice observed along river channel. Minor bank ice forming along LDB near boat launch.</li> </ul>
1315	<ul style="list-style-type: none"> <li>• Arrive C3.2 Building. Observed core logging and sampling.</li> </ul>
1430	<ul style="list-style-type: none"> <li>• Arrive at C0.4 boat launch.</li> <li>• C0.4 Water Temp: 36.02<sup>0</sup>F; Sediment Temp: 42.10<sup>0</sup>F; Water Gauge: 2.30</li> <li>• C0.4 Boat Launch, no sheen or flowing ice observed along river channel. Minor ice observed along both banks.</li> </ul>
1450	<ul style="list-style-type: none"> <li>• Arrive at MP5.70 RDB, no sheen observed. Ice observed along both banks of river channel, very small fragments of ice observed flowing in river channel.</li> </ul>
1500	<ul style="list-style-type: none"> <li>• Arrive at MP5.80 RDB, no sheen observed. Bank ice observed in both corners of Ceresco Dam Impoundment and very small fragments of ice observed flowing over dam.</li> </ul>
1510	<ul style="list-style-type: none"> <li>• Arrive at MP2.00, confluence. No sheen observed and very thin sheet of ice observed at the confluence. No flowing ice observed along river channel or Talmadge Creek. Talmadge Creek level appears to have risen along with river level as compared to previous observations.</li> </ul>
1600	<ul style="list-style-type: none"> <li>• Arrive at ICP. End of field day.</li> </ul>

9.	Prepared by (Name and Position) Karen Berecz, Situation Unit, USEPA-START
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